



Arkansas Centerline File Program

Status as of 7/15/04



Executive Summary

Detailed program status reports are posted to the Arkansas Geographic Information Office website once every month. The State Land Information Board and other major stake-holders are on an email distribution list that will contain a quick summary of the program status and a link to the detailed report on the website. For additional information, visit the Arkansas Centerline File Program (ACF) website at: http://www.gis.state.ar.us/Programs/Programs_current/ACF_index.htm.

Below is a listing of current Arkansas Centerline File Program (ACF) activities. For past activities, please see the previous month's status reports.

- *June 22* – Performed an accuracy assessment on Columbia County road centerline file that was compiled by the Arkansas Highway and Transportation Department (AHTD). The file tested 6 meters horizontal accuracy at the 95% confidence using the National Standard for Spatial Data Accuracy (NSSDA). The file will be used as the starting point for ACF data development in the county.
- *June 23* – Performed an accuracy assessment on City of Arkadelphia road centerline. The file was part of the Clark Co. ACF deliverable from M&M GIS where M&M used the City's GPS road data and added geocodable attributes using the City's address points and field verification. The file tested 3 meters horizontal accuracy at the 95% confidence using the National Standard for Spatial Data Accuracy (NSSDA). The file geocoded very well.
- *June 28* – Met with AR One Call and White County 9-1-1 to coordinate updating the address ranges and missing road segments from the data that AR One Call realigned to the DOQQs.
- *June 30* – AGIO receives ACF data submittal for Lafayette County from the Southwest Arkansas Planning and Development District.
- *July 6* – Performed an accuracy assessment on the Clark County road centerline file that M&M GIS compiled. The file tested 5 meters horizontal accuracy at the 95% confidence using the National Standard for Spatial Data Accuracy (NSSDA). The file geocoded very well.
- *July 7* – Performed an accuracy assessment on White County road centerline file that AR One Call realigned to the DOQQs. The file tested 6 meters horizontal accuracy at the 95% confidence using the National Standard for Spatial Data Accuracy (NSSDA).

- *July 12* – Ashley County selects a.c.tGeoSpatial Inc. (AGI) to develop the ACF data for the county. AGI's parent company Arkansas CAMA Technologies (ACT) is involved in a 5 year reappraisal program with the Assessor's office. The assessor's project also involves the cadastral mapping. As a result of the assessors project, AGI will be able to leverage the ACT reappraisers being in the field to collect every structure address and get this data stored in the CAMA database as well as field checking the address ranges in the road centerline database. Therefore, the county will also be able to share an address point data layer as well as a property boundary layer with a physical address element, not to mention the coordination of the additional layers for each mapping system and the on-going support of having the contractor local for the next 5 years.
- *July 12* – Columbia County opens bids for their ACF data development project.
- *July 14* – Held a coordination meeting with Marion County OEM to discuss development strategies for ACF data. The county is being mapped using GPS by the Census Bureau contractor. The modernized TIGER data will be used to kick-start the County's ACF data development project in the future.

Upcoming Events and Tasks

Here is an overview of some of the upcoming items for the ACF team:

- Attend a GPS training class in Russellville with the Pope County 9-1-1 and mapping team to learn about new technology and methodologies for mapping road centerlines.
- NSSDA scheduled for Lafayette Co. on 8/4/2004.
- Columbia County to select a vendor for ACF data development.
- Montgomery, Lincoln and Grant Counties are expected to be received and/or tested for accuracy.
- Load Clark County and Grant County onto GeoStor.
- Update Pike County, Pulaski County and City of Ft Smith ACF data on GeoStor.
- Continue to promote the ACF standard whenever possible.
- Continue to coordinate with major stakeholders and provide easy access to project status.
- Post more status graphics and workflow documentation to the AGIO website.

Status Overview

- Figure 1 shows a thematic map of the status of the ACF program. For more specific details see Table 1 below, or visit the clickable status map page located here:

http://www.gis.state.ar.us/Programs/Programs_current/ACF/Status.htm

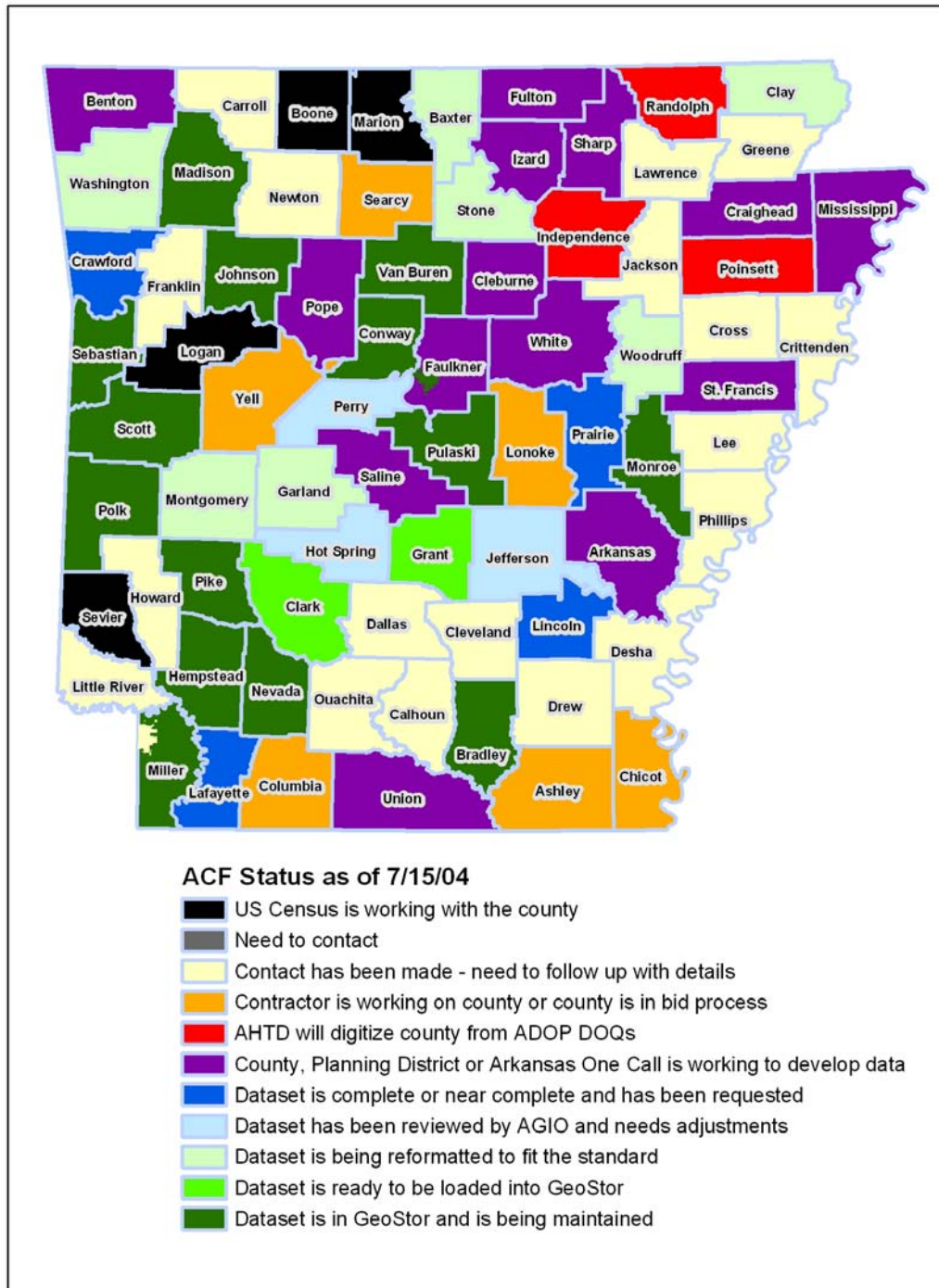


Figure 1

Table 1

County Name	Status Date	Status
Ashley County	7/15/2004	a.c.t.GeoSpatial was selected to develop ACF compliant data using a combination of heads-up digitizing from the ADOP DOQQs and GPS to fill in the gaps. Address ranges will be field verified.
Marion County	7/15/2004	Census Bureau contractor Harris Corp will collect mapping for this county using their data collection van and GPS. Addressing attributes will need to be added by the county. County meeting on 7/14/2004 for coordination.
St. Francis County	7/15/2004	Linda took ArcGIS training on 5/26 at UALR and then AGIO did specific training on developing road data in the ACF standard. Entire project to be done internally.
White County	7/15/2004	One Call is realigned TIGER roads using the DOQQs and added road names using the 9-1-1 map book. The county will verify that the names are correct and flag new roads. The geometry tested 6 meters horizontally 95% of the time using the NSSDA.
Clark County	7/14/2004	M&M delivered dataset in the ACF standard. The file tested 5 meters horizontal accuracy 95% of the time using the NSSDA. The file geocoded well. Arkadelphia tested 3 meters horizontal accuracy 95% of the time using the NSSDA. In GeoStor 8/04.
Lafayette County	7/14/2004	SWAPDD delivered the ACF submittal to AGIO for testing. File is in QA/QC process to become ACF compliant.
Columbia County	6/14/2004	Released request for bids for ACF compliant data development for 9-1-1. Bid opening date is 7/12/2004.
Garland County	6/14/2004	M&M GIS is compiling ACF compliant data for use in 9-1-1 from AHTD mapping that was realigned to the DOQQs.
Perry County	6/14/2004	County used ArcView to update TIGER mapping attributes. AR One Call realigned to the DOQQs. AGIO will test using NSSDA.
Grant County	6/11/2004	MTM Solutions developed the data in the ACF schema using the DOQQ County Mosaic. The road centerline data tested 4 meters horizontal accuracy 95% of the time using the NSSDA. The file geocoded well. Available in GeoStor at the end of July.
Craighead County	5/21/2004	One Call realigned their road database to the DOQQs. One Call file tested 4.2 meter by US Census. Jonesboro has roads with road names and address points taken from high res 2000 aerial photos. County is working to complete the file in the ACF standard.
Johnson County	5/21/2004	GeoComm finished addressing the county and updating the attribute table with names and address ranges. AR One Call realigned their data to the ADOP DOQQs. AGIO standardized and will be loaded in GeoStor. File tested 10 meters at the 95% confidence.
Randolph County	5/21/2004	AHTD is planning to digitize this county on top of the SLIB DOQs.
Van Buren County	5/21/2004	County adjusted the line work to match the DOQQs. AGIO x-walked the database into the ACF standard. File tested +/- 9 meters using the NSSDA by AGIO. File tested 7 meters by US Census using NSSDA. Available in GeoStor.
Boone County	5/15/2004	Harrison is getting high res orthos and plannimetrics to develop ACF data. Census Bureau contractor Harris Corp will collect mapping for this county using their data collection van and GPS. Addressing attributes will need to be added by the county.

Clay County	5/15/2004	Roads and address ranges in MapInfo tables. County was under contract with Miller Mapping. AR One Call adjusting data to the ADOP DOQQs.
Faulkner County	5/15/2004	AHTD has remapped using DOQQs. CAPDD is GPSing for an asset management system and collecting road name. City of Conway in the standard and tested at 2 meters. Conway ACF data updated in May of 2004.
Madison County	5/15/2004	The data has been cross walked into the ACF database standard; roads were spatially adjusted where needed using ADOP imagery as a reference. Available for download in GeoStor. ACF data updated in May of 2004.
Pulaski County	5/15/2004	The county is published in the standard on is available for download on GeoStor. ACF data updated in May of 2004.
Stone County	5/15/2004	Mapping was GPSed by Miller Mapping. Tina says the have found some areas that are not very accurate spatially. AGIO is reviewing the file. File tested 36 meters horizontally at the 95% confidence w/ NSSDA, AR One Call to adjust.
Logan County	5/14/2004	Census Bureau contractor Harris Corp will collect mapping for this county using their data collection van and GPS. Addressing attributes will need to be added by the county
Saline County	5/14/2004	AR One Call is adjusting the counties road data to match the DOQQs and updating attributes. The OEM is planning to purchase commercial data and update it as best they can. File tested 10 meters horizontal at the 95% confidence using NSSDA.
Searcy County	4/15/2004	AHTD realigned mapping to DOQs. AGIO converted to the ACF format; driveways and miscellaneous roads have been added by AGIO. AOCS finished adding road names, road types and other data. GeoComm selected to do addressing and finish up mapping and data.
Chicot County	3/17/2004	NTBA has been selected to develop the road centerline data in the ACF standard.
Lincoln County	3/17/2004	The file is being finished up and should be submitted to AGIO for crosswalk into ACF standard and topology scrub. An accuracy assessment will be done following that and if the file passes it will be loaded into GeoStor.
Franklin County	2/17/2004	ON HOLD. Quorum Court decided not to pursue GIS right now. Western Arkansas Planning and Development began field work for GPS mapping in 2/2003.
Sebastian County	2/17/2004	The file tested at 5 meters horizontal accuracy 95% of the time using the NSSDA. City of Ft. Smith file tested at 2 meters horizontal accuracy 95% of the time using the NSSDA. Available in GeoStor.
Sevier County	2/15/2004	Census Bureau contractor Harris Corp will collect mapping for this county using their data collection van and GPS. Addressing attributes will need to be added by the county. The county is hiring the Planning and Development District to map the County.
Conway County	1/20/2004	County is published in ACF standard as of 11/04/2003. File tested 4 meters at the 95% confidence using the NSSDA.
Izard County	1/20/2004	WRPDD is GPSing for county 9-1-1 office. AHTD has realigned the county to match the DOQQs. AGIO is preparing the AHTD file's attribute table to share with WRPDD. County ready to begin to implement E9-1-1. Now have Basic 9-1-1.

Lonoke County	1/20/2004	MTM Solutions was hired to finish mapping using the DOQQs and entering address ranges from the county 9-1-1. The project is on-hold.
Polk County	1/20/2004	M&M GIS is finished GPSing and adding addressing attributes. The file tested at 9 meters horizontal accuracy 95% of the time using the NSSDA. The data is available in GeoStor.
Cleburne County	12/17/2003	The roads are available in AutoCAD with names. Need to contact, request data so that it can be reviewed. Has DOQQs and is ordering ArcView and maybe GPS to do mapping in-house. AGIO to provide tool and guidance.
Nevada County	12/17/2003	The county is in the ACF standard and tested +- 5 meters using the NSSDA. Data available in GeoStor.
Hempstead County	11/16/2003	File tested 5 meters using the NSSDA. Geocoded well. Available in GeoStor.
Montgomery County	11/16/2003	M&M developed good attribute data for this county and added new roads to TIGER. Census Bureau contractor Harris Corp will collect mapping for this county using their data collection van and GPS. Addressing attributes will need to be added by the county.
Scott County	11/16/2003	The file tested at 8 meters horizontal accuracy 95% of the time using the NSSDA. File available in GeoStor.
Miller County	10/14/2003	Posted in ACF Standard 10/13/03 without Texarkana. SDR didn't map Texarkana - Texarkana Water - GPS roads, bldg footprints w/ address. Available in GeoStor.
Washington County	10/14/2003	The county is being digitized and attributed by AR One Call. The County DEM office is compiling the best available for the county and cities. AR One Call file posted as "best available" 10/03.
Little River County	10/13/2003	Project on-hold.
Lee County	7/24/2003	County will use the Eastern Arkansas PDD to develop their centerlines in the ACF standard.
Mississippi County	7/23/2003	EAPDD have aligned the roads to the DOQQs. Some city address ranges were conflated from TIGER line files. AR One Call will finish the address ranges and they will be field checked by the assessors office. County to GPS check roads and map structures.
Fulton County	7/15/2003	AHTD digitized the road using the DOQQs. The county is using that file to add road name and address range. The county is also developing an address point file.
Pike County	7/14/2003	M&M has delivered the file in the ACF standard. The file tested at 6.5 M horizontal accuracy and is available on GeoStor in the ACF Standard.
Union County	5/29/2003	The county is purchasing a Trimble ProXRS for mapping and getting training on the GPS and ArcGIS software.
Bradley County	5/21/2003	County published in ACF standard in GeoStor.. File tested 5 meters at the 95% confidence using the NSSDA. Mapping created by NTB Associated for Bradley Co. 9-1-1.
Carroll County	5/14/2003	WellsCo GPSed addresses in cities and geocoded the addresses in the county. The county has been adjusting the accuracy of the geocoded points and AHTD centerlines. They will use the DOQQs to adjust the spatial data and field verified address ranges.

Cross County	5/14/2003	This county has been contacted and made aware of the standard. Need to follow up with details. The cooperative extension service is taking the lead on raising the awareness for the ACF data for 9-1-1 and emergency response.
Newton County	5/14/2003	AHTD finished digitizing the county. AGIO x-walked into the ACF database format, fixed dangles and overshoots and AR One Call added street name. County to add address ranges at a later date. Published as "best available."
Crittenden County	4/7/2003	This county has been contacted and made aware of the standard. Need to follow up with details. 911 for city and county are separate. I will be going to their users meeting on 5/15/03.
Arkansas County	4/7/2003	Have a map book with AHTD maps and road names and address ranges. Address ranges are in a spreadsheet, but map is hard copy only. 9-1-1 office developing ACF formatted data in-house.
Woodruff County	3/31/2003	Data received and being reviewed by AGIO. GPSed by Miller Mapping and being updated by Woodruff 9-1-1 office.
Greene County	3/15/2003	Database is AHTD roads that have been added to as new roads went in. Also have new 911 county roads names added. New OEM coordinator wants to start with a clean slate.
Jefferson County	3/13/2003	The OES has GPSed all the roads in the county and most in the cities with geocodable attributes and is providing the data to AGIO for review. Posted in the best available format on 1/5/03 because the file did not meet ACF map accuracy requirements.
Monroe County	3/13/2003	911 office has mapping that was started by Miller Mapping and then they finished it in-house. It has geocodable attributes. File tested 8 meters by US Census contractor. Available in GeoStor.
Drew County	3/12/2003	Met with Road and Bridge and 9-1-1 representatives on 2/4/03. They will put centerline development out to bid in 3/03.
Independence County	3/12/2003	AHTD is planning to digitize this county on top of the SLIB DOQs. Bill Hicks assigns addresses. Would work with Lori at White River PDD in Batesville, the county seat. Bill uses hard copy maps updated once a year. Also talking with SDR.
Prairie County	3/12/2003	Central Arkansas Planning and Development is currently GPSing the roads. Need to visit Conya to review their process soon.
Baxter County	3/11/2003	9-1-1 map was developed using a DMI meter and is being adjusted and maintained using ADOP imagery and a mapping grade Trimble GPS. Road and Bridge has a file that is part AHTD part from a local surveyor and part from the 9-1-1 map. Adjustment TBD.
Crawford County	2/17/2003	Western Arkansas Planning and Development is currently doing field work and should complete this county in 7/2004.
Benton County	2/14/2003	The county is mapping roads with a GPS receiver and is following the SLIB standards for GPS and ACF. Arkansas One Call is attributing a version of the roads with complete road names. Bentonville has centerlines w/out ranges.
Sharp County	1/22/2003	AHTD is planning to digitize this county on top of the SLIB DOQs. Road department wants to use White River PDD to GPS roads for asset management - how many miles of road.
Howard County	1/16/2003	Mailed a copy of the standard on 10/8/02. This county was under contract with Miller Mapping. Judge attended the meeting on 1/16/03

Jackson County	1/16/2003	This county has been contacted and made aware of the standard. County uses Norman Mapping in Searcy for hard copy maps. Newport does the 911 for the county.
Phillips County	1/16/2003	This county has been contacted and made aware of the standard. The Road dept. attended the meeting on 1/16/03. They said they have a map book.
Poinsett County	1/16/2003	AHTD is planning to digitize this county on top of the SLIB DOQs. Road and bridge foreman attended meeting on 1/16/03 and said he is willing to maintain the new AHTD/AOCS map.
Calhoun County	12/26/2002	This county does not have a 911 program. The US Census will take responsibility for generating this data.
Cleveland County	12/26/2002	This county has been contacted and made aware of the standard. Need to follow up with details. Judge adamant about county following standard.
Dallas County	12/26/2002	This county has been contacted and made aware of the standard. Need to follow up with details.
Desha County	12/26/2002	This county has been contacted and made aware of the standard. Need to follow up with details.
Hot Spring County	12/26/2002	Have received a dataset from M&M to be used for 911 with MapStar. M&M plans to adjust the line work to fit the ADOP imagery in the future.
Lawrence County	12/26/2002	This county has been contacted and made aware of the standard. Need to follow up with details.
Ouachita County	12/26/2002	This county has been contacted and made aware of the standard. Need to follow up with details.
Pope County	12/26/2002	Received their roads that were in a CAD environment with text labels for road names and address ranges. AGIO rubbersheeted it to the ADOP imagery and provided it back to the county to convert to a GIS database that is geocodable.
Yell County	12/26/2002	This county has been contacted and made aware of the standard. Need to follow up with details. Under contract with GeoComm for delivery in 2004.